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4/17/89

Meeting Minutes

Unit Manager's Meeting: 1100-EM-1 Operable Unit

March 24, 1989, Room 46, 450 Hill Street, Richland, WA

From: *Bob Stewart 4/17/89*
Robert K. Stewart, 1100-EM-1 Unit Manager, DOE-RL

Paul T. Day, Project Manager & Acting 1100-EM-1 Unit Manager, EPA

Larry Goldstein, 1100-EM-1 Unit Manager, WA Department of Ecology

TO: Meeting Attendees:

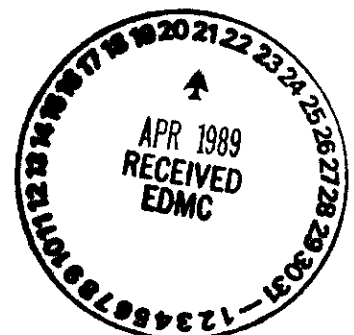
Emily Pimentel, PRC
David Myers, IT
Mel Adams, WHC
Mike Thompson, DOE-RL
Rick McCain, WHC
Tom Wintczak, WHC
Ward Staubitz, USGS
Chuck Cline, Ecology
Roy Gephart, PNL
Brian Sprouse, WHC
Mark Musolf, WHC
Hal Downey, WHC
Bill Price, WHC

cc Ronald D. Izatt,
Director, DOE-RL, ERD
Elizabeth A. Bracken
Chief, Policy and Permits Br.
DOE-RL/ERD
Roger D. Freeberg,
Chief, RSTR. BR, DOE-RL/ERD
John Broderick, DOE-RL/ERD
H. E. (Hank) McGuire,
Mgr., Reg. Compli., WHC

ADMINISTRATIVE RECORD FILE
(Care of Susan Wray, WHC)

Attached (Attachment #1) are the meeting minutes. Even though the Hanford Federal Facility Agreement and Consent Order (Agreement) is not yet signed, the minutes are prepared in accordance with the Agreement's intent. They are summary in nature, primarily documenting Agreements and Commitments. A requirement of the Agreement is that the status of appropriate schedules are to be shown; Attachment #2 is the schedule contained in the draft Work Plan for Remedial Investigation Phase I. It has been modified to include a "status line" showing progress of work to date. Attachment #3 is a copy of the Agenda for the meeting, and Attachment #4 is the Meeting Attendance based on the "Sign-up" list routed at the meeting.

Commitments are numbered; it is our intent to consecutively number additional commitments as they become known and are introduced in follow-on Unit Managers' Meetings. Any questions concerning these minutes should be addressed to any of the above Unit Managers, as appropriate.



Meeting Minutes - Summary of Actions and Agreements

1100-EM-1 Operable Unit Manager's Meeting

March 24, 1989, Rm 46, 450 Hill Street, Richland, WA

1. EPA comments regarding expediting drilling activities.
 - DOE will arrange a meeting to discuss drilling methods and programs as they relate to site-wide activities. Responses will be provided to specific suggestions provided by EPA and Ecology. [Note: Meeting has been scheduled for week of May 15.]

Action: K. M. Thompson, DOE-RL Arrange meeting on drilling methods.
11EM1.1

2. Start of drilling activities for the Vadose Zone and Background Wells.
 - The Action Plan allows work to begin 15 days after receipt of Agency comments if Vadose Zone comments have been resolved. The discussion revolved around the definition of "Near Surface". The Action Plan language is purposefully non-definitive as to this term, as it is a relative term that will differ for each Operable Unit. The following items were agreed upon:

Agreement: Background wells (3) may be drilled starting 4-15-89. These initial wells will be completed as piezometers to provide supplemental data on groundwater flow directions.

Agreement: A near surface vadose zone boring may be drilled at the Battery Acid Pit to a depth not to exceed 20 feet. This soil boring will be abandoned in accordance with Chapter 173-160 of the Washington Administrative Code.

Agreement: WHC is to proceed with planning for a minimum of three (3) holes per site for the 1100-2 and 1100-3 sites. Generally, other sites will also be planned for this minimum. Borings may be completed to a depth not to exceed 20 feet. EPA/Ecology are to be notified of proposed borehole locations and provided a brief opportunity to review and comment on locations prior to drilling; available geophysical, soil gas and other pertinent information is to be made available to EPA/Ecology to aid them in this review.

3. The status of the 1100-2 and 1100-3 Pits.
 - The Work Plan shows closure of the pits in 1985. The pits were used for the disposal of construction debris and may have had unrecorded disposal of chemical wastes prior to 1982.

Action: DOE/WHC to investigate circumstances of disposals and make recommendation to EPA on disposition of 1100-2 and 1100-3 (CERCLA vs RCRA).
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Action: WHC Work Plan to be revised per comment and this agreement.
11EM1.3

Agreement: The pits will be investigated under CERCLA pending additional document review.

4. Technology Plan, inappropriate level of detail.
-Comment No. 66, provided by EPA relates to the level and appropriateness details found in Work Plan Section 7.0, Appendix F and Appendix G. EPA's comment was that the Technology Plan should be revised and the format backed off to the level found in the Technology Plan for the 200-BP-1 Operable Unit.

Agreement: The Technology Plan will be rewritten to focus on how technologies will be identified as was done in the 200-BP-1 plan. Review of this plan will be conducted only once following rewrite.

A similar approach will be taken with the Management Plan, this document will be streamlined by appropriate reference to the Action Plan.

5. Contract Laboratory Program QA/QC procedures.
-Comment No. 110 refers to the use of CLP procedures for all samples collected during the RI/FS process. Discussion centered on whether or not all analyses must be performed to Level III or Level IV.

Open Item: EPA (Paul Day) provided guidance that analyses should be performed to level IV. Impacts of this are to be reviewed by WHC. Additional discussions may be needed to resolve the issue.

6. Need for State contact regarding Advanced Nuclear Fuels.

Ecology contact point for questions regarding Hanford-related RCRA issues is Mr. Toby Michelena, (206) 438-7016.

7. Depth of surface samples reported in Work Plan Appendix B.
-Samples were collected from the upper one (1) inch of the soil column.

Action: R. McCain WHC will qualify the subject data in the Work Plan.
11EM1.4

8. Documentation of responses to EPA and Ecology Comments.
-A discussion was held on how best to track and respond to comments received from EPA and Ecology. It was decided that comment response format is at the discretion of Westinghouse Hanford Company. EPA requested that a systematic marking of text changes be carried out throughout the Work Plan revisions, this marking could consist of a vertical line along the right margin to show the location of any changes.

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Action: R. McCain, WHC will incorporate comments and mark changes as requested

- Action: R. Stewart/T. Wintczak The ultimate number of copies will be
11EM1.6 decided by DOE and WHC.

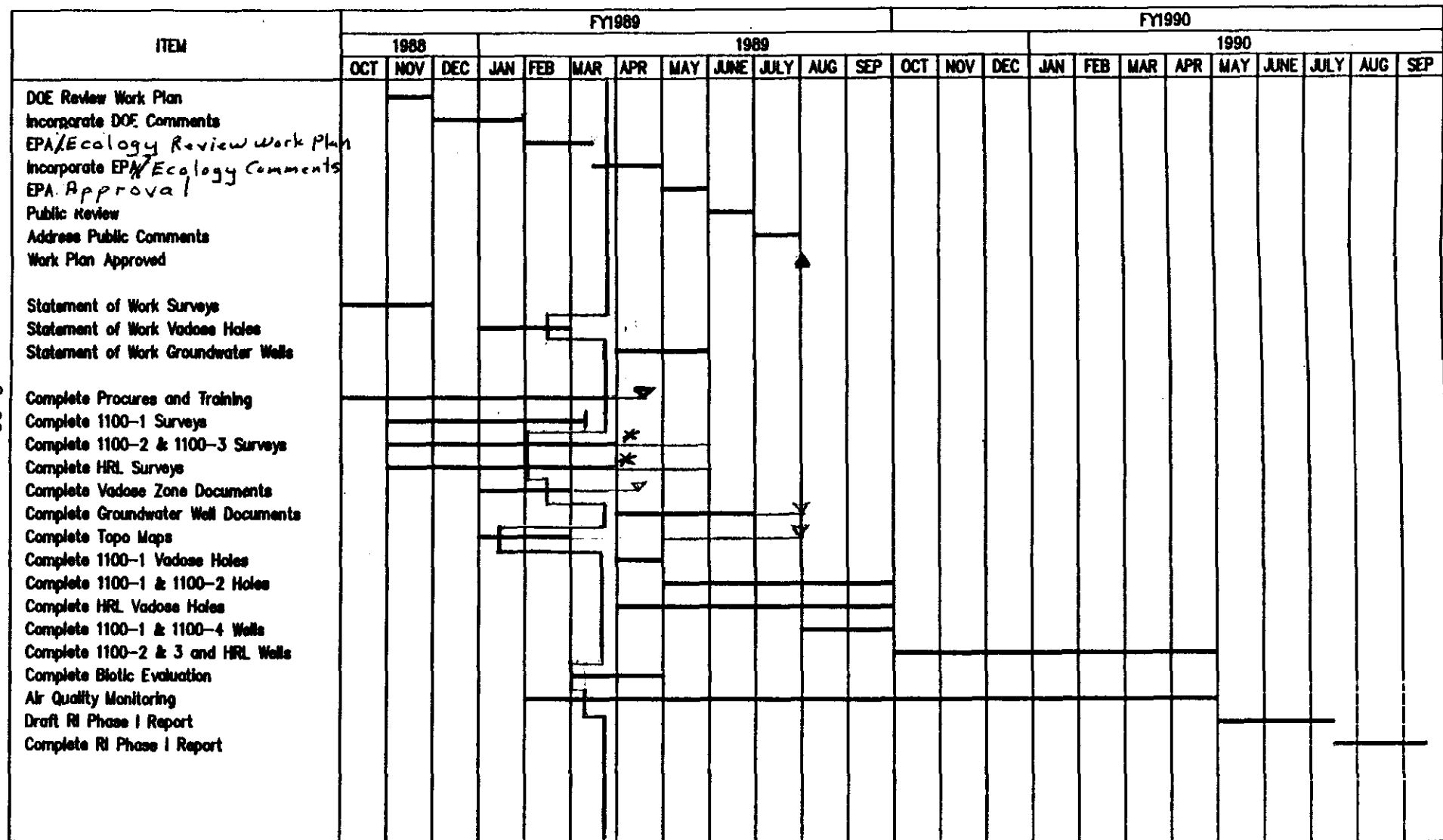
- Agreement:** Background samples must be representative of site(s) being investigated.

CLARIFICATIONS

A minimum of one additional soil gas measurement location will be established down gradient of the Battery Acid Pit.

The first newsletter (fact sheet, information bulletin) will be distributed in about one month (late April). Timing will be after final signing of the Agreement.

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Note: See Section 5.4 for Details on Controlling Procedures for each Work Phase.

HRL - Horn Rapids Landfill

*Geophysical Surveys completed 3/31/89.

Schedule has been revised to reflect changes made since issuance of the Draft W.P. to EPA/Ecology.
Additional schedule changes are expected based on resolution of comments from EPA/Ecology.

RCM/VH-ACT5

Figure 3-12. Remedial Investigation Phase I.

Agenda
1100-EM-1 Operable Unit
Remedial Investigation

Unit Manager's Meeting
Friday, March 24, 1989
450 Hill, RM 46

8:00	Opening Comments/Introductions	Unit Managers (DOE, EPA, Ecology)
8:15 - noon	Review/Discussion of EPA/Ecology Comments and Incorporation of Comments into Work Plan	Unit Managers, WHC
1:00pm	R I Status	
	RI work to date - Overview	Rick McCain, WHC
1:20	Groundwater Data from Recently Drilled Wells & Sampling Results	Bob Bryce, PNL
1:35 PNL	Geophysics	Gerry Sandness,
1:50	Soil Gas	John Evans, PNL
2:05	Air Quality Monitoring	Clifford Glantz, PNL
2:15	BREAK	
2:30	Status of Environmental Investigation Instructions (procedures listed in Appendix C of Work Plan)	Bill Price, WHC
2:45	Readiness for Drilling & Sampling	Hal Downey, WHC
3:00	Community Relations Activities - Need for Fact Sheet?	Mark Musolf, WHC
3:15	Change Control & Records Management - Change Control for Work Plan - Administrative Record - Data Files	Me1 Adams, WHC Bryan Sprouse, WHC Bryan Sprouse
3:35	Work Plan Schedule Status/Discussion	Rick McCain, WHC & Unit Managers
3:50	WRAP UP	
4:00	Adjourn	

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Attachment 4

NAME	ORG. (Co./Agency)	1100-EM-1 RESPONSIBILITY	PHONE
Emily Pimentel	PRC Env. Mgt. Inc.	Tech oversight for EPA	415-543-4880
David Myers	IT Corp.	GSSC for DOE-RL	509-376-0969
M. R. Adams	WHC	Technical Lead	509-376-8361
K. M. Thompson	DOE-RL	Hydrology	509-376-6421
T. M. Wintczak	WHC	Env. Programs	509-376-0902
R. G. McCain	WHC	RI Coordinator	509-376-0777
W. Staubit	USGS	Hydrology	206-593-6510 FTS 390-6510
L. Goldstein	WDOE	Unit Mgr	206-438-7018
P. Day	EPA	Unit Mgr	509-376-6623
R. Stewart	DOE-RL	Unit Mgr	509-376-6192
C. Cline	WDOE	Geohydrology	206-438-7556
J. Sands	DOE-RL		509-376-4798
B. Sprouse	WHC	EDMC	509-376-4314
M. Musolf	WHC	Community Involv.	509-376-4889
H. Downey	WHC	Drilling	509-373-3951
Wm. Price	WHC	Procedures	509-373-5723
V. Hall	WHC	Env. Programs	509-376-0286